

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 **Claim 1 (currently amended):** A radio communication
2 device comprising:
3 an antenna common for transmitting and receiving for
4 meeting a first frequency band and a second frequency band;
5 a first transmitting unit for transmitting so as to
6 meet the first frequency band;
7 a first receiving unit for receiving so as to meet the
8 first frequency band;
9 a first antenna sharing device for connecting an
10 output part of the first transmitting unit to an input part
11 of the first receiving [[part]]unit;
12 a second transmitting unit for transmitting so as to
13 meet [[a]]the second frequency band;
14 a second receiving unit for receiving so as to meet
15 the second frequency band;
16 a second antenna sharing device for connecting an
17 output part of the second transmitting unit to an input
18 part of the second receiving unit;
19 a wave separator for connecting the antenna to the
20 first antenna sharing device and the second antenna sharing
21 device, wherein the wave separator is adapted to perform a
22 filtering operation;

23 a transmitting band switching signal generating unit
24 for operating either of the first transmitting unit and the
25 second transmitting unit to generate a transmitting band
26 switching signal for switching a transmitting frequency
27 band;

28 a receiving band switching signal generating unit for
29 operating either of the first receiving unit and the second
30 receiving unit to generate a receiving band switching
31 signal for switching a receiving frequency band; and

32 a control unit for controlling the operations of the
33 first and second transmitting units, the first and second
34 receiving units, the transmitting band switching signal
35 generating unit and the receiving band switching signal
36 generating unit.

1 **Claim 2 (currently amended):** A radio communication
2 device comprising:

3 a first antenna common for transmitting and receiving
4 for meeting a first frequency band;

5 a first transmitting unit for transmitting so as to
6 meet the first frequency band;

7 a first receiving unit for receiving so as to meet the
8 first frequency band;

9 a first antenna sharing device for connecting an
10 output part of the first transmitting unit to an input part
11 of the first receiving [[part]]unit;

12 a second antenna common for transmitting and receiving
13 for meeting a second frequency band;

14 a second transmitting unit for transmitting so as to
15 meet the second frequency band;

16 a second receiving unit for receiving so as to meet
17 the second frequency band;

18 a second antenna sharing device for connecting an
19 output part of the second transmitting unit to an input
20 part of the second receiving unit;

21 a wave separator for connecting the first antenna or
22 the second antenna to the first antenna sharing device and
23 the second antenna sharing device;

24 an antenna switching unit for switching the connection
25 of the wave separator to the first and second antennas;

26 a transmitting band switching signal generating unit
27 for operating either of the first transmitting unit and the
28 second transmitting unit to generate a transmitting band
29 switching signal for switching a transmitting frequency
30 band;

31 a receiving band switching signal generating unit for
32 operating either of the first receiving unit and the second
33 receiving unit to generate a receiving band switching
34 signal for switching a receiving frequency band;

35 an antenna switching signal generating unit for
36 delaying the receiving band switching signal by a
37 prescribed amount to generate an antenna switching signal
38 for controlling the antenna switching unit; and

39 a control unit for controlling the operations of the
40 first and second transmitting units, the first and second
41 receiving units, the transmitting band switching signal
42 generating unit and the receiving band switching signal
43 generating unit.

1 **Claim 3 (currently amended):** A radio communication
2 device comprising:

3 a first antenna common for transmitting and receiving
4 for meeting a first frequency band;

5 a first transmitting unit for transmitting so as to
6 meet the first frequency band;

7 a first receiving unit for receiving so as to meet the
8 first frequency band;

9 a first antenna sharing device for connecting an
10 output part of the first transmitting unit to an input part
11 of the first receiving ~~[[part]]~~unit;

12 a second antenna common for transmitting and receiving
13 for meeting a second frequency band;

14 a second transmitting unit for transmitting so as to
15 meet the second frequency band;

16 a second receiving unit for receiving so as to meet
17 the second frequency band;

18 a second antenna sharing device for connecting an
19 output part of the second transmitting unit to an input
20 part of the second receiving unit;

21 an external connector part for connecting an external
22 antenna;

23 an antenna switching unit for switching the connection
24 of the first antenna, the second antenna and the external
25 connector part to the first and second antenna sharing
26 devices;

27 a transmitting band switching signal generating unit
28 for operating either of the first transmitting unit and the
29 second transmitting unit to generate a transmitting band
30 switching signal for switching a transmitting frequency
31 band;

32 a receiving band switching signal generating unit for
33 operating either of the first receiving unit and the second
34 receiving unit to generate a receiving band switching
35 signal for switching a receiving frequency band;

36 an antenna switching signal generating unit for
37 delaying the receiving band switching signal by a
38 prescribed amount to generate an antenna switching signal
39 for controlling the antenna switching unit; and

40 a control unit for controlling the operations of the
41 first and second transmitting units, the first and second
42 receiving units, the transmitting band switching signal
43 generating unit, the receiving band switching signal
44 generating unit and the antenna switching unit.

1 **Claim 4 (original):** A radio communication device
2 according to any one of claims 1 to 3, characterized in
3 that the first and second transmitting units, the first and
4 second receiving units, the transmitting band switching
5 signal generating unit and the receiving band switching
6 signal generating unit are connected to the control unit by
7 a common three-line serial bus.